LESSON 1 on Gathering data   Name _____

Directions: You will discover several parts to this lesson listed below. There are many ways to display data.

Part 1) At the state fair you pay one price and you may go on as many rides as you want. Taking a survey of the people at the fair we tabulated number of rides in one day by each person:

Number of rides in one day:
4, 6, 8,7, 7, 10, 7, 7, 8, 9, 6, 5, 9, 8,7, 6, 7, 6, 5, 6

Frequency Diagram: The lowest number we may use is 4 since no one went less than 4 and no one was higher than 10. We placed the frequency under Scores. Remember to always group the tallies in groups of 5.

   a) **Place the tallies scores on the chart from the data posted above.**
   b) **Place the total number of tallies under the Frequency.**

Scores	Tallies	Frequency
4		
5		
6		
7		
8		
9		
10		

Line Plot: Looking at the Scores above we have we have placed a line plot to the right. Place an X above each number relative to the scores listed above. A) looking at the tallies how many people were used in this test? _____
B) What was the Highest and most frequent scores? _____ _____
                Highest   Most Frequent

Line Plot

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4 5 6 7 8 9 10